ANALYTICA CHIMICA ACTA, VOL. 229 (1990)

AUTHOR INDEX

Alarie, J.P.

-, Sepaniak, M.J. and Vo-Dinh, T.

Evaluation of antibody immobilization techniques for fiber optic-based fluoroimmunosensing 169

Arenas, A., see Victoria, L. 153

Arikawa, Y.

- and Huber, C.O.

Amperometry of thiols in a flow-injection system with a nickel oxide electrode 191

Arita, A., see Motomizu, S. 121

Baeyens, W., see Lansens, P. 281

Barzanallana, R.M., see Victoria, L. 153

Bell, M., see Ward, D.B. 157

Bergveld, P., see Olthuis, W. 71

Birch, B.J., see Wring, S.A. 63

Bos, M., see Olthuis, W. 71

Brilis, G.M.

- and Brumley, W.C.

Electron-capture negative ionization calibrants for magnetic sector mass spectrometers 163

Brindle, I.D.

- and Le, X.-C.

Reduction of interferences in the determination of germanium by hydride generation and atomic emission spectrometry 239

Brooks, S.H.

- and Dorsey, J.G.

Moment analysis for evaluation of flow-injection manifolds

Brumley, W.C., see Brilis, G.M. 163

Caletka, R.

-, Hausbeck, R. and Krivan, V.

Retention behaviour of some tri- to hexavalent elements on Dowex 1 and polyurethane foam from hydrochloric acid-potassium thiocyanate medium 127

Casassas, E., see Esteban, M. 93

Cheng, Y.F.

- and Vo-Dinh, T.

Paper electrophoresis with surface-enhanced fluorimetric detection 295

Connor, M.P.

-, Wang, J., Kubiak, W. and Smyth, M.R.

Tissue- and microbe-based electrochemical detectors for liquid chromatography 139

Cristante, M

-, Selves, J.-L., Grassy, G., Orrit, J. and Garland, E.

Choice of paraffin inhibitors for crude oils by principal component analysis 267

De Jong, H.G., see Esteban, M. 93

Dorsey, J.G., see Brooks, S.H. 35

Dunkić, G., see Mihajlović, R. 221

Esteban, M.

—, Casassas, E., de Jong, H.G. and van Leeuwen, H.P. Direct-current, normal-pulse and reverse-pulse polarography of some heavy metal-polycarboxylate complexes 93

Fernández-Band, B.

—, Lázaro, F., Luque de Castro, M.D. and Valcárcel, M. Flow-injection determination of mixtures of amines immobilized in the flow cell of a photometric diode-array detector 177

Foulds, N.C.

-, Wilshere, J.M. and Green, M.J.

Rapid electrochemical assay for the ophylline in whole blood based on the inhibition of bovine liver alkaline phosphatase 57

Franklin, T.C.

- and Nnodimele, R.A.

Determination of lead in paints by electro-oxidation in cationic surfactant-aqueous sodium hydroxide suspensions 291

Fritz, J.S., see Main, M.V. 101

Fürst, A.

- and Pretsch, E.

A computer program for the prediction of ¹³C-NMR chemical shifts of organic compounds 17

Gao, Z.-Q., see Li, P.-B. 213

Garland, E., see Cristante, M. 267

Gómez-Hens, A., see Llavero, M.P. 27

Grases, F.

- and March, J.G.

Determination of phosphate based on inhibition of crystal growth of calcite 249

Grassy, G., see Cristante, M. 267

Green, M.J., see Foulds, N.C. 57

Gunasingham, H.

- and Tan, C.-H.

Conducting organic salt amperometric glucose sensor in continuous-flow monitoring using a wall-jet cell 83

Hart, J.P., see Wring, S.A. 63

Hausbeck, R., see Caletka, R. 127

Huber, C.O., see Arikawa, Y. 191

Ibáñez, J.A., see Victoria, L. 153

Jakšić, Lj., see Mihajlović, R. 287

Karube, I., see Suzuki, H. 197

Kir. S.

-, Onar, A.N. and Temizer, A.

Adsorptive stripping voltammetric determination of midazolam as a method for quality control 145

Kolev, S.D.

Solution of mathematical models of flow systems used in analytical chemistry and process analysis in the case of slug and time injection 183

Konar, S.K.

- and Roy, D.N.

Method for the determination of residues of the herbicide glyphosate and its principal metabolite, aminomethylphosphonic acid, in plant materials by nitrogen-selective gas chromatography 277

Krivan, V., see Caletka, R. 127

Kubiak, W., see Connor, M.P. 139

Kumbhar, A.G.

- and Narasimhan, S.V.

Polarographic speciation of copper(II) in the presence of 1-dimethylaminopropan-2-ol 149

Lansens, P.

-, Meuleman, C. and Baeyens, W.

Long-term stability of methylmercury standard solutions in distilled, deionized water 281

Lázaro, F., see Fernández-Band, B. 177

Le, X.-C., see Brindle, I.D. 239

Lee, I.H.

- and Meyerhoff, M.E.

Rapid flow-injection sandwich-type immunoassays of proteins using an immobilized antibody reactor and adenosine deaminase-antibody conjugates 47

Leung, C.P.

- and Leung, W.K.H.

Determination of undecenoic acid in dermatological preparations by liquid chromatography with direct UV detection 255

Leung, W.K.H., see Leung, C.P. 255

Li, P.-B.

—, Gao, Z.-Q., Xu, Y.-W., Wang, G.-Q. and Zhao, Z.-F. Determination of trace amounts of silver with a chemically modified carbon paste electrode 213

Llavero, M.P.

—, Rubio, S., Gómez-Hens, A. and Pérez-Bendito, D. Improved trihydroxyindole method for the simultaneous stopped-flow spectrofluorimetric determination of epinephrine and norepinephrine in urine 27

Luo, J., see Olthuis, W. 71

Luque de Castro, M.D., see Fernández-Band, B. 177

Main, M.V.

- and Fritz, J.S.

Chromatographic determination of metal chelates of 2,6-diacetylpyridine bis(N-methylenepyridiniohydrazone) 101

Manetović, M., see Mihajlović, R. 287

March, J.G., see Grases, F. 249

Meuleman, C., see Lansens, P. 281

Meyerhoff, M.E., see Lee, I.H. 47

Mihajlović, Lj., see Mihajlović, R. 221

Mihailović, R.

-, Mihajlović, Lj., Vajgand, V. and Dunkić, G.

Coulometric generation of H⁺ ions by oxidation of thiols at a platinum anode and by oxidation of mercury in acetic acid-acetic anhydride 221

Mihajlović, R.

-, Vajgand, V., Jakšić, Lj. and Manetović, M.

Coulometric generation of H⁺ ions by anodic oxidation of esters of gallic acid, phenols and ascorbic acid in propylene carbonate 287

Mo, Z.H., see Yao, S.-Z. 205

Motomizu, S.

-, Oshima, M. and Arita, A.

Liquid-liquid distribution of ion associates of tetraiodopalladate(II) with quaternary ammonium counter ions 121

Mucci, A., see Wood, S.A. 227

Narasimhan, S.V., see Kumbhar, A.G. 149

Nie, L.-H., see Yao, S.-Z. 205

Nishi, S., see Tsunoda, K.-I. 3

Nnodimele, R.A., see Franklin, T.C. 291

Nomura, A., see Tsunoda, K.-I. 3

Olthuis, W.

—, Luo, J., van der Schoot, B.H., Bergveld, P., Bos, M. and van der Linden, W.E.

Modelling of non-steady-state concentration profiles at ISFET-based coulometric sensor-actuator systems 71

Onar, A.N., see Kir, S. 145

Orrit, J., see Cristante, M. 267

Ortega, M.G., see Victoria, L. 153

Oshima, M., see Motomizu, S. 121

Pai. S.-C.

-, Yang, C.-C. and Riley, J.P.

Effects of acidity and molybdate concentration on the kinetics of the formation of the phosphoantimonylmolybdenum blue complex 115

Papanastasiou, G.

Determination of autoprotolysis constants of ternary water-dioxane-methanol solvent systems at 25 ° C 261

Pérez-Bendito, D., see Llavero, M.P. 27

Pretsch, E., see Fürst, A. 17

Reddy, D., see Tou, J.C. 9

Riley, J.P., see Pai, S.-C. 115

Roy, D.N., see Konar, S.K. 277

Rubio, S., see Llavero, M.P. 27

Selves, J.-L., see Cristante, M. 267 Sepaniak, M.J., see Alarie, J.P. 169 Silva, M., see Velasco, A. 107 Smyth, M.R., see Connor, M.P. 139 Suzuki, H.

—, Tamiya, E. and Karube, I.

Development of a disposable miniature L-lysine sensor 197

Tamiya, E., see Suzuki, H. 197 Tan, C.-H., see Gunasingham, H. 83 Temizer, A., see Kir, S. 145 Tou, J.C.

- and Reddy, D.

Sampling system for mass spectrometric monitoring of a stream of reaction liquid 9

Tsunoda, K.-I.

Nomura, A., Yamada, J. and Nishi, S.
 Pulsed laser-induced fluorescence detector for liquid chromatography with a fibre optic-based flow cell 3

Vajgand, V., see Mihajlović, R. 221, 287 Valcárcel, M., see Fernández-Band, B. 177 Valcárcel, M., see Velasco, A. 107 Van der Linden, W.E., see Olthuis, W. 71 Van der Schoot, B.H., see Olthuis, W. 71 Van Leeuwen, H.P. 93 Velasco, A.

-, Silva. M. and Valcárcel, M.

Kinetic photometric determination of copper at the nanograms per millilitre level in real samples 107

Victoria, L.

—, Arenas, A., Ortega, M.G., Barzanallana, R.M. and Ibáñez, J.A.

Inexpensive device for measurements with ion-selective and pH electrodes 153

Vlassopoulos, D., see Wood, S.A. 227

Vo-Dinh, T., see Alarie, J.P. 169 Vo-Dinh, T., see Cheng, Y.F. 295

Wang, G.-Q., see Li, P.-B. 213 Wang, J., see Connor, M.P. 139 Ward, D.B.

- and Bell, M.

Determination of rubidium by isotope dilution-inductively-coupled plasma mass spectrometry as an alternative to thermal ionization mass spectrometry 157

Wilshere, J.M., see Foulds, N.C. 57

Wood, S.A.

-, Vlassopoulos, D. and Mucci, A.

Effects of concentration matrices on the determination of trace levels of platinum and gold in aqueous samples using solvent extraction—Zeeman effect graphite furnace atomic absorption spectrometry and inductively coupled plasma—mass spectrometry 227

Wring, S.A.

-, Hart, J.P. and Birch, B.J.

Voltammetric behaviour of ascorbic acid at a graphiteepoxy composite electrode chemically modified with cobalt phthalocyanine and its amperometric determination in multivitamin preparations 63

Xu, Y.-W., see Li, P.-B. 213

Yamada, J., see Tsunoda, K.-I. 3 Yang, C.-C., see Pai, S.-C. 115 Yao, S.-Z.

-, Mo, Z.H. and Nie, L.-H.

Titrations with piezoelectric monitoring. Part 1. Fundamental theory and titration of acids and bases 205

Zhao, Z.-F., see Li, P.-B. 213

